Ham Radio

- Linear Amplifier DXV500 Series DXV500L
  DXV500Z
- Power Combiner PCM2000A
- 135kHz Transmitter TX2200A

Order & Contact

THAMWAY CO., LTD

3-9-2 IMAIZUMI, FUJI, SHIZUOKA,

417-0001 JAPAN

TEL:81-545-53-8965

FAX:81-545-53-8978

HF Linear Amplifier

DXV500L

(Discontinued models)

NEW MODEL : DXV500Z

This is the minimum in the world completely made from the new kind of thinking and linear an amplifier. We chose the FFT of high voltage as the amplification part, and it made the power transformer unneccessory. The performance is minimum size, lightest weight in the world, high-power, high efficiency and low-priced. You can put this in the suitcase, go to the southern island, and operate real DX pedition (but only low bands hihi) during the vacation. Moreover, please use it as the 2nd and 3rd linear amplifier.

- **LOW BAND exclusive use (160 to 40m)**
- **Minimum size**
- **Super-lightness (Transformer less) 4.4kg！！**
- **High power (All mode 500W continuous operation)**
- **High efficiency (70% or more:Amplifier part)**
- **Built-in efficient low pass filter**
- **Low-price**

Specifications

Model	DXV500L
Frequency	1.8MHz Band 1800 to 2000kHz 3.5MHz Band 3500 to 4000kHz 7MHz Band 7000 to 7300kHz *It changes with the rotary switch that exists in the front panel.
Output Power	500W/50O load SSB, CW, RTTY
Harmonic Distortion	-50dB or less at 500W/50O load
3rd IMD	-30dB or less at 400W/50O load
Drive Power	10 to 12W at 500W output
Final Device	2SK2482×6 (3 Parallel Push-Pull)
Final Input	125V, 5.4A 675W at 7MHz 500W output/50O load, AC100V
I/O Connector	M-Female

T/R Control	Receive:H Transmit:L (Rear panel RCA pin jack input) *Relay or open collctor
>Blake-in	Semi Brake-in
Colling	Forced Air Two FAN begins to operate when becoming 40℃.
Monitor Circuits	Analog meter display FWD Power,REV Power Final Drain Voltage,Final Drain Current *It selects it with the rotary switch of the front panel.
ALC	0 to -4V at 600W (RCA pin jack)
Protection Circuits	REV Power: When the REV power Amplifier becomes about 50W,the amplifier is turned off. Over Current: When the drain current becomes about 6A, the amplifier is turned off. Over Temperature: When the temperature of the heat sink becomes about 100℃, the amplifier is turned off. Protection circuit reset: A linear ON switch is turned off once, and it turned on again afterwards. Over Input: Please use ALC.
Power Supply	AC100 to 120V 10A
Size	(W):202mm (H):101mm (D):303mm (excluding protrusions)
Weight	4.4kg
Accessories	AC power cable (AC100V for domestic use.） 1 SEND/ALC cable 1 User Manual 1

All stated specifications are typical and subject to change without notice or obligation.

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